



#20

FIGURE 1A

SEQ ID NO: 35	MW-----	-----LLITAASVISTLGTTHGLFGKLHPTNPEVTMNIISQMITWGYPAE	*****
SEQ ID NO: 36	MWR-----	-----FAVFLAAFFVQDVVGSHG-----	+
SEQ ID NO: 14	MAMAGHAPGGALPL-IL	VSSCCGRIVSGASPAAAIRRVGSGSGGLCDQLLLPLGYPCT	- - - - -
SEQ ID NO: 18	MALLGIMMSFAAIIILFLVLT-	- - - - -VPRQAHASSRGNI.GRNINPSVYVGICASSVIVHGYKCQ	- - - - -
SEQ ID NO: 20	MRIQRFLATLAIATVSI	LLGNGNPNPVQCFDGGSHQKQH-----	- - - - -
	1	60	
SEQ ID NO: 37	EYEVVTEDGYIIGIDRIPYGRKNS-E	NIGRR-PVAFLQHGLLASATNWISNL.PNNNSLAFT	*****
SEQ ID NO: 38	IYTVAATDDGYIILEMHRIPFGKTNVTWPNGKR	- - - - -PVVFMQHGLLCASSDWVNLPDQSAGFL	+
SEQ ID NO: 14	EHNVETKDGFLLSQHIPHGKN-----	KAADSTGPPVFLQHGLFQGGDTWFINSAEQSLGYI	- - - - -
SEQ ID NO: 18	EHEVTTDDGYIISLQRIPEGRG	- - - - -KSSGSGTRKQPVVIQHGVLVDGMTWLLNPPEQDLPLI	- - - - -
SEQ ID NO: 20	EHTIQTKDGFLLGLQRVSSSSSLRNHGDGGPPVILLHGLFMAGDAWFNTPEQSLGFI	121	120
SEQ ID NO: 37	*****	*****	*****
SEQ ID NO: 38	FADAGFDVWLGNMRGNTYSMKHKDLKPSHSAFWDSWDEMAYDLNAMINHVLEVTGQDS	+	*
SEQ ID NO: 14	LADNGFDVWLGNVRGTRWSKGHSTFSVHDKLFWDWSWQELAELYDLLAMJGVVYTVTQS-K	+	*
SEQ ID NO: 18	LADNGFDVWIANTRGTRYSRRHISLDPSSQAYWNWSWDELVSYDFPAVFNYVFSQTGQ-K	+	*
SEQ ID NO: 20	LADHGFDVWLGNVRGTRWSKGHISLLEKKQFWDSWQELALYDVAEMINYINSVTNS-K	121	180

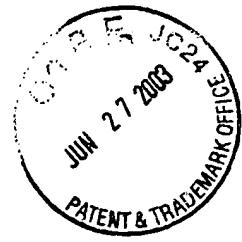


FIGURE 1B

SEQ	ID	NO: 37	LHYVGHSQGTTIGFIAFSTNP - KLAKRRIKTFYAILAPVATVKYTYETTLNKMLVPSFLEKLI
SEQ	ID	NO: 38	VYYMGHSQGTLIMFSHLSKDDGSFAKKIKKKFFAIALPIGSVKHIKGFLS -- F FANY - FSL
SEQ	ID	NO: 14	ILYVGHSQGTTIMGLAALTM -- PEIVKMISSAALLCPISYLDHVSASFV-LRAVAMHLDQM
SEQ	ID	NO: 18	INYVGHSLGTLVALASFSE - GKLVTLQKSAALLSPIAYLSHMNTALG - VVAPKSFVGEI
SEQ	ID	NO: 20	IFVVGHSQGTTISLAFTQ -- PEIVEKVEAAALLSPISYLDHVSAPILV-LRMVKMHIDEM

SEQ	ID	NO: 37	-----IFGNKLIFYPHIFFDQFLATEVCSRETVDL-LCSNALFIIICGFDTMNLNMSRLLD
SEQ	ID	NO: 38	EFDGWFDDIFGAGGEFLPNNWAMKLAAKD1CGGLKVEADLCNVLFLLIAGPESDQWNQTRVP
SEQ	ID	NO: 14	LV-----TMGIHQLNFRSDMGVQIVDSLCLDGEHVLD---CNNLLSA1TGENC-CFNTSRID
SEQ	ID	NO: 18	TT-----LFGLAEEFPKGLA1VDAFLKSLCAHPG1D---CYDLLTALTGKNC-CLNSSTVD
SEQ	ID	NO: 20	IL-----TMGIHQLNFKSEWGA1LVS1CDT-RLS---CNDMLSSITGKNC-CFNE1SRVE

SEQ	ID	NO : 37	VYLSHNPAGTSVQNVLHWSQAVKSGKFKQAFDWGSPVQNMHYHQSMPPYYNLTDMHVPIA
SEQ	ID	NO : 38	VYATHDPAGTSTONIVHWMOMVHHGGVPAYDWGTTKTNKK - YGOANPPEYDFTAIKGTKI
SEQ	ID	NO : 14	YYLEYEPHPSSTKNLHHLFQMIRKGTFAKYDGLLG-NLRRYGHILRPPAFDLSSIPESLP
SEQ	ID	NO : 18	LFLMNEPQSTSTKNMVHLAQTVRLGALTKFNYVRPDYNIMHYGEIFPPIYNNLSNIPHDLPLP
SEQ	ID	NO : 20	FYLEQEPHPSSSKNLNHLFQMIRKGTYSKYDYGKLK-NLIEYKGFKNPPKFDLSRIPKSLP

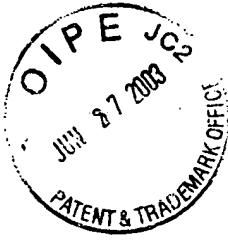


FIGURE 1C

SEQ	ID	NO: 37	V--WNGGNDLLADPHDV DLLS KL-PNLI YHRK--	*	*	*	*	*
SEQ	ID	NO: 38	YLYWSDADWLLADTPDV PDYLLTRINPAIVAQNN-	-HIPDYNHLDEFTWGIRAPDDIYRPAI				
SEQ	ID	NO: 14	IWMGYGGLDALADVTDV QRTIREL--	--GSTPELLYIGDYGHIDEVMSVKAKDDVYVDLI				
SEQ	ID	NO: 18	LFISYGGR DALSDVRDV ENLLDKLKFDENKRSVQF IQEYAHADY	IMGFNAKDLVYNAVL				
SEQ	ID	NO: 20	IWMAYGGNDALADITDFQHTLKEL--	--PSPPEV VILENYGHVDFIISLQAKQDLYDPMI				

+			
SEQ	ID	NO: 37	SMMGTD---NK
SEQ	ID	NO: 38	KLCTDD---YLGK
SEQ	ID	NO: 14	RFILRENGWHNSY
SEQ	ID	NO: 18	SFFNHQ---V
SEQ	ID	NO: 20	SFFKSSGKFSSM
			421 433